

Amendments to the Claims

The following listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) An antibody-conjugated enzyme, wherein the enzyme has an amino acid sequence identified as SEQ ID NO: 5 and the antibody recognizes a cell surface antigen on a tumor cell ~~and wherein the enzyme activates a chemotherapeutic agent, wherein the enzyme is human deoxycytidine kinase.~~

2-5. (Canceled)

6. (Original) The antibody-conjugated enzyme of claim 1, wherein the antibody recognizes CD33.

7. (Original) The antibody-conjugated enzyme of claim 6, wherein the antibody is HuM195.

8. (Original) The antibody-conjugated enzyme of claim 1, wherein the tumor cell is a leukemia blast cell.

9-68. (Canceled)

69. (Original) A pharmaceutical composition comprising the antibody-conjugated enzyme of claim 1 and a pharmaceutical acceptable carrier.

70-169. (Canceled)